AMENDMENTS TO THE CLAIMS

This listing replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) An adenovirus type 35 vector, ~~comprised of a~~ comprising an adenovirus type 35 genome from which is deleted the E1 region between nucleotides 367 and either nucleotide 2,917 or nucleotide 3,375 of the adenovirus type 35 genome.

2. (Currently Amended) The adenovirus type 35 vector according to claim 1, wherein an E1 protein encoded by the ~~aforementioned E1 region~~ deleted E1 region is not expressed or is functionally defective.

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) The adenovirus type 35 vector according to claim 1, wherein the E3 region is partially or totally deleted from the adenovirus type 35 genome.

6. (Previously Presented) The adenovirus type 35 vector according to claim 5, from which is deleted the E3 region between nucleotides 27,760 and 29,732 of the adenovirus type 35 genome.

7. (Currently Amended) The adenovirus type 35 vector according to claim 1, wherein ~~a foreign gene is inserted into a site that lacks part or all of the E1 and/or E3 regions~~ a foreign gene is inserted into the deleted E1 or E3 region.

8. (Withdrawn) A method for producing an adenovirus type 35 vector comprising the following steps of:

(1) preparing an adenovirus type 35 vector derived from the adenovirus type 35 genome by partially or totally deleting the E1 region therefrom;

(2) allowing the prepared vector to infect and proliferate in adenovirus E1 protein- and E4 protein-expressing cells; and

(3) recovering the proliferated vectors.

9. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 8, wherein step (1) further comprises a step of partially or totally deleting the E 3 region.

10. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 8, which further comprises a step of inserting a foreign gene into a deleted site between step (1) and step (2).

11. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 8, wherein the cell employed in step (2) is of the 293-cell.

12. (Cancelled)

13. (Withdrawn) A method for producing an adenovirus type 35 vector comprising the following steps of:

(1) preparing part of the adenovirus type 35 genome that lacks part or all of the E1 region;

(2) ligating the part of the adenovirus type 35 genome to the remaining portion of the adenovirus type 35 genome and thereby preparing an adenovirus type 35 vector derived from the adenovirus type 35 genome by partial or total deletion of the E1 region therefrom;

(3) allowing the prepared vector to infect and proliferate in adenovirus E1 protein- and E4 protein-expressing cells; and

(4) recovering the proliferated vectors.

14. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 13, wherein step (1) or (2) further comprises a step of partially or totally deleting the E 3 region.

15. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 13, wherein step (1) further comprises a step of inserting a foreign gene into a deleted site.

16. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 13, wherein the cell employed in step (3) is of the 293-cell line.

17. (Withdrawn) The method for producing an adenovirus type 35 vector according to claim 13, wherein the part of the adenovirus type 35 genome mentioned in (1) is equivalent to a region lacking the region between nucleotides 367 to 2,917 or that between nucleotides 367 to 3,375 of the region between nucleotides 1 to 7,932.

18. (Cancelled).

19. (Previously Presented) A method for gene transfection, wherein the adenovirus type 35 vector according to claim 1 is allowed to infect a target cell.

20. (Original) The method for gene transfection according to claim 19, wherein the target cell is selected from the group consisting of hematopoietic cells, blood stem cells, ES cells, pluripotent stem cells, and tissue stem cells.

21. (Original) The method for gene transfection according to claim 19, wherein the target cell is a $CD34^+$ cell.